

GENERAL INFORMATION

DATES AND LOCATION

December, 1st-2nd, 2023. Barcelona, Spain

LECTURES:

Clinic University Hospital . Villarroel 170.

08036 Barcelona, Spain.

Sala de Actos. Left Wing from main entrance in Villarroel Street 170. Take the Stairs number 9 to 11. 3rd Floor.

CADAVER. HANDS-ON DEMONSTRATION:

Dissection Room. Department of Anatomy, Barcelona University Medical School. Underground floor. Main entrance from Casanova Street 143.

Course Directors

Prof. Jose De Andrés

Professor of Anesthesia, Valencia University Medical School Chairman, Department of Anesthesiology and Critical Care Director of the Multidisciplinary Pain Management Center Valencia University General Hospital.

Tres Cruces s/n, 46014-Valencia (Spain)

Prof. Albert Prats

Professor of Anatomy, Barcelona University Medical School. Casanova, 143. 08036 Barcelona, Spain.

Dr. Xavier Sala-Blanch

Associate Professor of Anesthesia.

Barcelona University Medical School

Department of Abesthesiology and Reanimation

Hospital Clinic i Provincial

Villarroel 170. 08036 Barcelona. Spain

Course Co-Director

Gustavo Fabregat, MD, PhD

TARGET AUDIENCE

This advanced course is designed for pain practitioners (pain specialists, anesthesiologists, neurosurgeons) utilizing invasive techniques for pain management.

Physicians attending the course should have at least 2 years of practice with ongoing use of neuromodulation techniques in the treatment of chronic pain patients.

OBJECTIVES

After participation in this educational meeting, participants should have an understanding of:

1. Basic neuroanatomy related with the performance of pain therapies.
2. Clinical evidence regarding new and evolving treatments for the treatment of pain.
3. Current imaging and electrophysiological technologies relevant for performing diagnosis and performing the invasive techniques for pain treatment.

4. Common clinical problems in chronic pain and current recommendations for the evaluation and management of these pain conditions.

5. Evidence-Based treatments in pain medicine.

6. Identify questions that need to be addressed to increase knowledge of neuromodulation techniques use in pain treatment.

7. How to design the Pain studies for obtaining better the evidence.

ACCREDITATION

An Application has been made to the EACCME® for CME accreditation of this event

REGISTRATION

REGISTRATION: 1700 €

To register for this programme, please contact with:

Cristina Cruz. ACADEMY FUNDOLOR

Email: cruz_cri@gva.es

Multidisciplinary Pain Management Department

Anesthesia Departmen

Consorcio Hospital General Universitario de Valencia

Avda. Tres Cruces, s/n. 46014-Valencia (Spain)

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Phone + 34 96 345 54 85

The fee includes:

- Registration
 - Conference package
 - Meals (2 lunch work and 1 dinner)
 - Accommodation (bed & breakfast) 2 nights
- Each delegate is responsible for his/her travel arrangements, according the course schedule

NEXT COURSE:

COURSE 20th.

November 22nd-23rd, 2024

Our gratitude for the collaboration given by the following companies:

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ADVANCED PAIN CADAVER COURSE

NEUROSTIMULATION-COURSE 19th

December 1st-2nd, 2023

Barcelona, Spain

CLINICAL & BASIC SCIENCE FOR THE MANAGEMENT OF THE CHRONIC PAIN PATIENT

Organised by:



Under the auspicious of



Congress Organiser:

Cristina Cruz

ACADEMY FUNDOLOR

Multidisciplinary Pain Management Department

Anesthesia Department

Consorcio Hospital General Universitario de Valencia

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MORE INFORMATION ON www.academyfundolor.org

Day 1 - Friday 1st December 2023
BASIC SCIENCE

Time	Session	Faculty
08.15-8.30	Introduction and Welcome	José De Andrés Albert Prats
08.30-10.00	ANATOMY FOR PAIN CLINICIANS	
08.30-9.30	Anatomy for Craneal and Spine procedures	Albert Prats
09.30-10.00	Applied Anatomy for the practice of spinal cord and DRG neuro-modulation	Jose De Andrés
10.00-13.30	NEUROBIOLOGY and PHYSIOLOGY FOR PAIN CLINICIANS	
10.00-10.30	Functional Magnetic Resonance Imaging showing supraspinal effects of spinal cord stimulation on brain	Lisa Goudman
10.30-11.00	Spinal Evoked Compound Action Potentials with clinically relevant stimulation modalities	Ricardo Vallejo
11.00-11.30	Break	
11.30-12.00	Intraoperative neuromonitoring in placement of Spinal Cord Stimulation systems	Ilona Obara
12.00-12.30	The concept of Dosage in Neuromodulation Therapy. Understanding the role of different stimulation wave and types of waveform	Pedram Tabatabaie
12.30-13.00	Using Objective Measures For Evaluating Pain Control in patients with implanted Neurostimulation Systems. Genomics and proteomics	Ricardo Vallejo
13.00-13.30	Artificial Intelligence and Machine Learning possibilities in Neuro-modulation	Ashish Shetty
15.00-20.00	CADAVER. HANDS-ON DEMOSTRATION 1. Neuromodulation with ECAP Cadaver Station 2. Percutaneous ANTEROGRADE lead paraspinal All-in-one (single stage) approach. Tunnelling and pocket creation 3. Percutaneous RETROGRADE lead paraspinal insertion Pelvic and perineal stimucion for somatic and visceral pain Cadaver Station 4. DRG neuromodulation lead insertion · Percutaneous · Endoscopic Navigation Cadaver Station Ultrasonography Stations: 5. Spine structures identificacion for the practice of SCS neurostimulation 6. PNS insertion with US guidance 7. Technical Station Devices and programming	Jan W Kallewaard Lisa Goudman Ashish Shetty Pedram Tabatabaie Andrzej Krol Amitabh Gulati Jose Luis Durá Kate Vincent Jones
20.00	Closing of the Day	
20.30	Dinner	

Day 2 - Saturday 2nd December 2023
CLINICAL SCIENCE

Time	Session	Faculty
08.30-10.30	TECHNICAL SECTION	
08.30-09.00	Trial versus No Trial of Spinal Cord Stimulation	Ashish Shetty
09.00-09.30	How to manage habituation and loss of efficacy in clinical practice	Pedram Tabatabaie
09.30-10.00	Improving SCS clinical Outcome with Patient Specific Physiological Monitoring	Jan W Kallewaard
10.00-10.30	DRG stimulation indication in current clinical practice	Pedram Tabatabaie
10.30-11.00	Break	
11.00-13.30	DISEASE SPECIFIC PAIN ASSESSMENT AND MANAGEMENT	
11.00-11.30	Neuromodulation management with Peripheral Nerve stimulation (PNS). Role of innovation in device technologies	Amitabh Gulati
11.30-12.00	Neuromodulation for chronic back and leg pain in virgin back patients	Ricardo Vallejo
12.00-12.30	Is there a cancer patient a clinical target for Neuromodulation? Defining indications	Amitabh Gulati
12.30-13.00	Neuromodulation for chronic visceral pain: Thoracic, abdominal and pelvic targets?	José De Andrés
13.00-13.30	Neuromodulation for chronic visceral pain: Thoracic, abdominal and pelvic targets?	José De Andrés
13.30-13.35	Neurostimulation alternatives for managing "Persistent Spinal Pain Syndrome"	Lisa Goudman
13.30-13.35	Learning Cases Scenarios. Interactive discusion	José De Andrés
13.30-13.35	Closing Remarks	José De Andrés
14.00-15.30	Lunch	
15.30	Departures	

Faculty

José De Andrés MD, PhD, FIPP, EDRA, EDPM

Anesthesiologist
Professor of Anesthesia. Valencia University Medical School. Chairman. Department of Aneshtesiology and Critical Care. Director of Multidisciplinary Pain Management Center. General University Hospital. Valencia.Spain.

Jose Luis Durá MSc

Electronic Engineer.
Polytechnic College. Valencia. Spain.

Lisa Goudman, MD

Neurosurgeon
Department of Neurosurgery, Universitair Ziekenhuis Brussel, Jette, Belgium; Center for Neurosciences (C4N), Vrije Universiteit Brussel, Jette, Belgium.

Amitabh Gulati, MD FIPP CIPS ASRA-PMUC

Anesthesiologist
Director of Chronic Pain.Associate Attending, Memorial Hospital Program Director, Weill Cornell Pain Medicine Fellowship Department of Anesthesia and Critical Care Memorial Sloan Kettering Cancer Center, New York, USA.

Jan Willem Kallewaard, MD

Anesthesiologist
Rijnstate Ziekenhuis, Velp, The Netherlands.

Andrzej Krol , MD

Anesthesiologist
St. George's University Hospitals. London. UK.

Ilona Obara

Biologist
School of Pharmacy. The Faculty of Medical Sciences Newcastle University. King George VI Building Newcastle, UK.

Albert Prats, MD, PhD

Professor of Anatomy
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Ashish Shetty FRCA, FFPMRCA

Associate Professor, UCL
Regional Advisor in Pain Medicine
Chief Medical Officer, Neurokor Consultant
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University College London Hospitals.
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Ricardo Vallejo, M.D., PhD.

CEO SGX-Medical
CMO Capri Medical
Research Professor, Psychology Department, Illinois Wesleyan University.

Kate Vincent Jones.

Biomedical Engineering Texas
A&M University College Station, TX, USA.

Pedram Tabatabaie, MD, PhD

Head Neuromodulation Unit
Norrlands University Hospital
Umeå, Sweden